

Title (en)

HIGH DYNAMIC RANGE ANTI-GHOSTING AND FUSION

Title (de)

ANTI-GHOSTING UND FUSION MIT HOHEM DYNAMIKBEREICH

Title (fr)

ANTI-DÉDOUBLEMENT D'IMAGE ET FUSION À PLAGE DYNAMIQUE ÉLEVÉE

Publication

**EP 3891974 B1 20240501 (EN)**

Application

**EP 19802343 A 20191017**

Priority

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- US 201962793096 P 20190116
- US 201962811195 P 20190227
- US 2019056746 W 20191017

Abstract (en)

[origin: WO2020117379A1] Systems and methods are disclosed for high dynamic range anti-ghosting and fusion. For example, methods may include receiving images from image sensors in a linear domain, each image having different exposures or gains, blending luminance values at each pixel from each of the images to generate a blended image, selecting an useful image based on degree of useful information for a pixel, calculating a distance value from the images for the pixel, locating from a look-up table (LUT) an anti-ghosting weight using the useful image and the distance value for the pixel, proportionally applying the located anti-ghosting weight to the pixel for each of the input images to generate an output image, all being performed in the linear domain, and storing, displaying, or transmitting the output image based on at least the anti-ghosting weight.

IPC 8 full level

**H04N 23/70** (2023.01)

CPC (source: EP US)

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